**Nirav A.**

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**Professional Summary:**

* Proficient around 8 years of extensive experience in developing Client-Server and Web-based n-tier Architecture applications for windows and web based technology.
  + Experience with all phases of SDLC in the Waterfall model and Agile (SCRUM) methodologies.
  + Proficient in developing Multi-tier Architecture Distributed Applications
  + Experience in developing N-tier web applications using Visual Studio, C#, ASP.Net ADO.Net, WCF, XML, SOAP, VB.net, SOA Web Services (WSDL), Web Forms, Win Forms, Web API /Web API 2, MVC, MVVM, LINQ, Rest API, Entity Framework, Telerik Controls, Microsoft .Net Frameworks.
  + Good familiarity with the cloud technologies like Microsoft Azure, Amazon Web Services (AWS).
  + Proficient in Web Programming/ Web Development/ UI to enhance user experience and performance using HTML, JavaScript, JQuery, Angular.JS, Angular 2, Node JS, Bootstrap, LESS/SASS, AJAX, AJAX Toolkit, Ruby, Python and CSS.
  + Expert in developing UI pages, Web Services, Data binding to Business Logic Layers and Data Access Layers, Master Pages and Themes using ASP.Net.
  + Experience in developing applications using ASP.Net MVC 5/4/3 Framework, C#, HTML5, CSS 3.0, JavaScript and Entity Framework.
  + Expertise in developing and deploying custom Web parts, Workflows, Features, Site Content Types, Lists and Libraries, style sheets and site definitions using WSS, SharePoint Object Model and Visual Studio on multiple web applications.
  + Good Working experience with Version Control tools Team Foundation Server, Subversion, GIT, GitHub and Visual Source Safe.
  + Experience in using TeamCity, Jenkins and Octopus for Integration, deploying ASP.NET applications using the TeamCity.
  + Good work experience with WPF and Silverlight applications for rich UI/UX.
  + Experience in using LINQ (LINQ to SQL, LINQ to XML), ADO.NET, Entity Framework and T-SQL in developing Data Access Layer.
  + Experience with MS SQL Server environments, database design, web servers, application servers, interface technologies, LDAP, and J2EE applications.
  + Good working knowledge on SSIS, SSAS, SSRS and Crystal Reports.
  + Strong working experience in managing Security policies including Authentication, Authorization, Identity, Encryption, Personalization, Membership, Roles, Profiles and Resource Access Control.
  + Microsoft Access experience including application architecture design, table design, and writing queries/stored procedure, forms, and VB code.
  + Experience in technical design documentations using UML modeling, OO analysis, design, and design patterns to standardize the application architecture.
  + Strong proficiency in designing and developing InfoPath forms and SharePoint Designer.
  + Expertise on configuring the MOSS 2007, Windows SharePoint Services and handling the SharePoint migrations from the V2.0 to V3.0.
  + Experienced in SharePoint shared services (search, forms, Excel Services, and Workflow).
  + Expertise in .Net Technologies with Object Oriented Analyzed Development (OOAD) & development of Web forms and Win forms applications
  + Hands on experience in developing multi-tier/N-Tier Architectures and implementing the concept of Object Oriented Programming (OOPS) Concepts including Inheritance, Abstraction and Polymorphism and Design Patterns.
  + Extensive experience and in web page design with Cascading Style Sheets (CSS), Flash, HTML, DHTML, JavaScript, JQuery, JSON and VBScript.
  + Extensive experience with development & deployment of Web Services (WSDL), WCF services, SOA using the .NET Framework
  + Experience implementing an enterprise-wide time management system like Kronos.
  + Experience on Kronos modules like Workforce Timekeeper, Accruals, Activities, Leave, Attendance, Advanced Scheduler, Forecaster, and Kronos WFC.
  + Familiar with JavaScript libraries like Bootstrap templates and Angular.js framework.
  + Experience with Entity Framework approaches such as code-first and database-first.
  + Experience in creating Server objects like Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, user defined data types and functions.
  + Proficiency with Object Oriented Principles, Concepts and Best Practices.
  + Experience in creating T-SQL stored procedures, functions, tables, views and SQL joins and other statements for various applications, maintained referential integrity and implemented business logic.
  + Experienced in SQL for writing Indexes, and Views, Stored Procedures, Cursors, Triggers under define function DTS, Transaction management, T-SQL, code optimization and performance Tuning creating tables and Indexes.
  + Experience in Testing developed applications and Tracking Bugs/Bug Fixes using Testing Tools and Bug Tracking tools such as SoapUI, Selenium, NUnit, MSTEST, Telerik WebUITest Studio, Jira.
  + Experience with Unit testing and Mocking frameworks like XUnit, NUnit, Jasmine, MOQ.
  + Motivated achiever with ability to guide, provide added values, create project deliverables in a timely manner.
  + Good team player capable of handling the toughest situations with utmost ease.
  + Experienced IT professional with comprehensive technical skill set and expertise in requirement analysis, application design and software development.

**Technical Skills:**

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| Programming | C, C++, Java, MS.Net (VB.Net, ASP.Net, C#.NET), C#, MVC, AJAX, Web Services, WCF, WPF, WWF, VB 6.0 |
| Architectures | MVC, MVVM, SOA |
| Database Management Systems | MS SQL Server , Oracle , MS Access |
| WEB Development Tools | ASP.NET, AJAX, XML, Classic ASP 3.0, HTML, CSS, JavaScript, IIS 6.0/7.5, JQuery , Web Services, SOAP, WSDL, XSD, UDDI, XML, Angular JS, Angular 2, Node JS, LESS, SASS, Ruby, Python |
| UI Frameworks | Angular JS, Backbone JS, Bootstrap, Knockout JS, MVC 5.0, Kendo UI, Soap UI  Design Technique/Patterns UML, Singleton, Factory, Strategy, Facade, Template, Dependency Injection |
| Version Control | MS Visual SourceSafe 6.0, Team Foundation Server, SVN, Git, GitHub |
| Continuous Integration Tools | Jenkins, TeamCity, Octopus |
| Business Intelligence Tools | SSRS, SSIS, SSAS, Crystal Reports 7.0 |
| Web Frameworks | .Net Framework 4.5, 3.5, 3.0, COM, ActiveX |
| SharePoint Services | MOSS 2007, SPS 2003, WSS 2.0/3.0, MS SharePoint Designer 2007, MS InfoPath |
| Additional Tools | LINQ to SQL, Entity Framework, Enterprise Library, Infragistics, Telerik, Silverlight |
| Operating System | Windows Variants, Unix/Linux, Mac OS |
| Testing and Bug Tracking | SoapUI, Selenium, NUnit, MSTEST, Telerik WebUITest Studio, Jira |

**WORK EXPERIENCE**

**Client: Herc Rentals, Bonita Springs, FL Sep 2016 – Till Date**

**Role: Sr. Net Developer/Web Developer**

**Responsibilities:**

* Worked in an Agile Programming Methodologies, Scrum and Test-Driven Development (TDD) environment to deliver higher-quality software far more rapidly and designed the complete solution using N-tier Architecture model and MVC5 design pattern.
  + Responsible for designing the ASP.NET application authentication using .Net Framework, Model View Controller MVC and IIS security model.
  + Used Entity Frame work Code First approach for the Data Access Layer for the ASP.NET MVC 5 application using HTML5
  + Implemented ASP.NET Web API 2.0 Controllers and Models and Entity Framework
  + Used Team Foundation Server (TFS) for versioning control and configuring management.
  + Worked with Microsoft Azure to deploy database in cloud.
  + Used .Net MVC 5.0 framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
  + Design and Implement Database Schema, Import data and build stored procedures on SQL Azure.
  + Developed automated tools for employees for maintaining transactional dairies, service logs, login and schedule time off
  + Involved in application development using Visual C#, Oracle11.g, SQL Database, LINQ, WCF, Entity Framework and Web API 2.0.
  + Created rich and interactive UI using WPF and provided security login using WIF.
  + Used Adobe Illustrator for designing UI patterns and UI applications
  + Developed the application based on Xpo.net, so that it works on multiple database engines like oracle 11.g, sql, MySQL, PostgreSQL and also windows azure.
  + Implemented Server and Client side validations using ASP.NET validation controls, J-Query and Knockout JS.
  + Creating Views using JavaScript, HTML5 & JSON
  + Worked with the Kendo UI using Grid and Chart controls.
  + Design and implementation of tables, stored procedures, triggers, views, SQL statements for database operations using ADO. NET.
  + Developing version number updating in every kit build purpose off Clear the caching issues
  + Used Dependency Injection Pattern to reduce the dependency coupling between classes and in Front end using AngularJS 2.0.
  + RDBMS experience includes SQL Server, database programming and connectivity using SQL, TSQL, SQL Queries, Triggers, Views, Packages, ADO /ADO.NET objects and Stored Procedures.
  + Developed all types of UI pages using HTML5, DHTML, XSL/XSLT, XHTML, CSS3, JSON, React JS TypeScript, JavaScript, JQuery, Junit, Angular JS, Bootstrap, Kendo UI and Ajax.
  + For front end development actively used ASP.Net, Angular JS 2.0, Kendo UI, CSS, , React JS, JavaScript, AJAX control and Telerik Controls.
  + Used ASP .NET MVC, Entity Framework, JQuery, D3 Chart, Kendo UI Controls and Created client surveys and displayed the results in a dynamic report (d3, jQuery, MySQL).
  + Developed Angular/.Net web application using HTML5 Angular.JS2.0 , Knockout JS , React JS , TypeSript, JavaScript, ASP.NET MVC 5.0, C#, VC++ Visual Studio 2010
  + Implemented Angular JS 2.0 client side form validation using various controls and filters and created multiple views using layout template and Angular JS ng-route.
  + Written Stored Procedures in SQL Server 2008 and Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation by using store procedures
  + Implemented automated test scripts using VBScript.
  + Built all necessary pages and defines related functionality using .NET technology, provide security login using WIF.
  + Assist with configuration of network infrastructure within Azure including, storage, load balancing, virtual machines, access control lists, network security groups, and various other cloud based technologies.
  + Applied Multithreading and parallel processing techniques for creating high performance applications.
  + Developed multithreaded Windows Service incorporating Task Parallel Library to perform background processing.
  + Used basic OOPs concepts like Encapsulation, Polymorphism, Inheritance and Abstraction.
  + Developed WCF service and Restful services endpoints and exposed them over default protocol (soap over http) settings.
  + Extensively used CSS3 and Bootstrap for styling the HTML5 elements
  + Implemented UI using MVC 5.0, HTML5, XML, CSS3, JavaScript, Knockout JS, Junit , React JS, AngularJS 2.0, AJAX, React Js and Web Form Controls to create responsive web pages, developed Master Pages.
  + Created and consumed ASP.NET Web services and implemented Restful Web API/WCF services for service layer and created Action filters and Exception filters to implement REST services.
  + Designed and coded the Win Forms and implemented the logic using C#.NET.
  + Used Selenium Core for test framework for web applications written completely in JavaScript.
  + Create and enhance Win Forms Web Pages client side scripts views using MVC JavaScript technologies and stored procedures database tables using TOAD as PL/SQL tool.
  + Creating tables, packages and writing Stored Procedures, functions for loading the existing data from the mainframe database to the newly created Oracle 11g database
  + Developed the application using WPF to create an interactive native client GUI and designed the application based on MVVM design pattern.
  + Experience in building, deploying and managing applications on Microsoft Azure Cloud Computing Platform.
  + Used SharePoint default web services to get data from Databases to display in SharePoint sites.
  + Created stored procedures, functions and views for the related business scenarios in SQL Server.
  + Developed various stored procedures for the data retrieval from the database and generating different types of reports using SQL reporting services (SSRS).
  + Developed UI for routing actions using WinForms, Infragistics
  + Worked on upgrading one of our applications to WPF and MVVM using PRISM.
  + Used Power shell scripts for automating tasks and process for end to end automation
  + Developed database access components using the ADO.NET Entity Framework and utilized LINQ to Entity.
  + Used NUnit testing framework for unit testing the entire source code for performance of the code developed.
  + Involved in developing the WCF, Web services and integrating with different applications.
  + Responsible for writing the code in Microsoft Visual Studio 2010 with ASP.Net, VB .NET using code behind C# & tested with NUNIT.

**Environment:** Visual Studio 2012/2010, C#,.Net, ASP.NET 4.5/4.0, MVC 5.0 WCF, Xpo.net, Kendo UI, TypeScript, React JS, Java Script, Junit, Silverlight, JQuery, AngularJS 2.0, TFS 2010, WCF, REST, JSON, SOAP, IIS, AJAX,HTML5, CSS3, Azure, Adorner, Prism, LINQ, Knockout JS, XML, TDD, Dependency injection, Microsoft Enterprise Library, Razor, web API 2.0,WPF 4.5,WIF, SQL Server Integration Services, Oracle 11 g, VB .NET,NUNIT, SQL Server 2008 R2, VBScript, Bootstrap, Infragistics , SharePoint 2013, Adobe Illustrator, selenium, Windows Server 2008 R2/2008, SSIS/SSRS.

**Client: Delta Dental, Chicago, IL Jan 2015 – Aug 2016**

**Role: Full Stack Developer**

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Actively participated in **Scrum** **meetings** of the project implemented in **agile** **methodology**.
* Developed and supported the application using ASP.NET **MVC 4.0** with **Razor** syntax, **C#.NET**, **AJAX**, **jQuery**, **JSON**, **HTML**, **JavaScript**, **Bootstrap** and **CSS**.
* Worked on enhancing and maintaining the applications as per the business need needed.
* Independently worked on developing document handler using the **HTML5**.
* Used Microsoft **Entity Framework** Code First approach for the Data Access Layer for ASP.NET, **MVC4** application.
* Authorization and authentication standards and protocols experience.
* Developed Business Logic layer by implementing OOPs features like Inheritance, Polymorphism, Abstraction and Encapsulation in **VB.NET**.
* Developed an integrator layer for **win forms** and pdf documents using Tall components.
* Analysed and designed new **Win Forms** application using **MVP** and Factory pattern, from design to completion.
* Involved in enhancing the application for client’s requirement based on demand using the **MVC** pattern, **J Query, Bootstrap**, and **Web API** and SPA Application using **Angular JS**.
* Involved in creating web pages using **Angular JS**, **JavaScript**, **jQuery**, **HTML** 5.0 and **CSS**.
* Created the Editor and Display templates for **MVC** controls.
* Consumed **Azure** web services and managed deployment through **cloud** platform.
* Used Master Pages, shared layouts, CSS & Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Improved user experience using **jQuery**. Used **jQuery** event handling mechanism to dynamically assign events on web controls.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Designed, Developed and tested packages to extract, transform and load data using SQL Server Integration Services (**SSIS**).
* Developing the web page using JavaScript, HTML, Bootstrap as well as Knockout JS.
* Design and working knowledge of Server controls User controls, **Master Pages**, **Security**, **Web Services**, XML, **Win forms** and **UI** development, Microsoft Development Environment.
* Developed advanced **ETL** import packages using **SSIS**, **T-SQL** to transform and import raw index data into database tables.
* Processed data from flat files excel files, .csv files into proprietary hierarchical data structure system through **SSIS** packages and custom procedures.
* Used **Knockout JS** in combination with **Angular JS** for enhancing the **UI** of the web app.
* Provided efficient error handling to the **SSIS packages**.
* Design and development of rich GUI using **HTML 5**, **CSS**, **Angular JS**, **Knockout JS** and **BOOTSTRAP**.
* Designed and developed **MS SQL** Server Reporting Services (**SSRS**) under SQL Server 2014.
* Experience with SQL Server Reporting Services (**SSRS**) to author, manage, and deliver both paper-based and interactive Web-based reports.
* Involved in migration of **SSRS** from SQL 2008 to SQL 2014.
* Developed the procedural code using **ASP.NET, VB.NET-L3, HTML5, Ajax** and **JavaScript** using Visual Studio.
* Involved in writing **SQL Statements**, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written **LINQ** functions for data access.
* Developed **test-driven development** (TDD) strategy guiding use of the N-unit testing framework.
* Used Team Foundation Server (**TFS**) for continuous integration and version control.
* Used **Fiddler** to **debug** web **request** and **responses** to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, efficient code writing techniques.

**Environment**: C#, ASP.NET, TDD, .Net Framework 4.5/4.0, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), VB.NET 6.0, Visual Studio2015, AZURE, Knockout Js, Telerik Rad Controls, MVC, SOAP Web services, VB Scripting-L1, XML, OOP, WPF, WCF, REST, HTML 5, Web API, L1/ L2/ L3 Support, N-Tier Architecture, Agile, SCRUM

**Client: Bank One, Chicago, IL Nov 2013 – Dec 2014**

**Role: Net Developer / Web Developer**

**Responsibilities:**

* Involved in requirement gathering for creation documents on Software Requirement Specification and Interface Requirement Specification.
  + Implemented agile methodology in application development.
  + Wrote stored procedures, views, triggers, Queries using T-SQL in SQL Server.
  + Designed, Created, Tested and Implemented the ETL packages using SSIS for Production data migration and retrieval process.
  + Migrated data from MS-Excel to SQL Server 2012 using SSIS.
  + Created various complex reports and manage those using SQL Server Reporting Services (SSRS).
  + SAP RFC Interface service integrated using C#.Net.
  + Utilized TFS for source control.
  + Documented the modules developed front-end screens.
  + Designed a Web application using Web API with AngularJS.
  + Implemented routing to allow for the use of a Single-page-application (SPA) with different content using routeProvider in the AngularJS Module and ng-view in the HTML5.
  + Implemented Client side validation using AngularJS Custom Form Validation with ng-show and ng-hide.
  + Utilized AngularJS Route for creating Single Page Application (SPA) and appropriately utilizing Controllers, Services, and Factories with dependency injection.
  + Implemented ng-repeat to display tabular data and utilized CRUD features such as sorting, filtering, paging and data manipulation and by using AngularJS.
  + Utilize JQuery AJAX library to call Web API to populate dropdown list and utilize JQuery UI autocomplete to call action method in controller. Use JQuery UI dialog and partial view to implement a pop-up.
  + Used ActionFilter to authorize user, use forms authentication method to authenticate user.
  + Conducted tests on the Web API by using Fiddler web debugging proxy.
  + Used CSS3 and HTML5 to design fully responsive user interface and utilized Bootstrap.
  + Used IIS7.0/7.5 for build, test and deployment of the application

**Window Applications (WPF)**

* + Worked on Development, Maintenance and Testing phase of SDLC of 3 tier architecture.
  + Worked on BL and DAL layer classes and integrated WPF using XAML.
  + Worked on Binding, Styles, Data Template, Control Template, Routed Events, Converters, Layout Panels
  + Implemented ADO.NET Entity Framework and Linq to object to connect to SQL server database from Repositories classes for retrieving, manipulating, querying, storing data from the database.
  + Implemented Commands, INotifyPropertychanged, ValueConverter in Application.
  + Used Window CE Embedded Application with 1D/2D Barcode and RFID.
  + Developed user screens on Window CE application.

**Environment**: C#, WPF, ASP.NET MVC , AngularJs , JQuery, JSON, IIS7.0/7.5, WCF, Entity Framework, Web API , LINQ, HTML5, CSS3, Windows 10,Visual Studio 2012, .NET […] TFS, SQL Server2012,SSIS,SSRS,WINDOW CE, Handheld Terminal.

**Client: Valuelabs, India Jan 2012 – Sep 2013 Role: .Net Developer**

**Responsibilities:**

* Performed Client side and server-side validations using **C#.NET** and Validation Controls in **ASP.NET**.
* Manage the back-.Net and write **SQL** queries, stored procedures and triggers to manage data.
* Utilized **ADO.Net** Entity Framework technology extensively for data retrieving, querying, storage and manipulation using LINQ
* Used **ADO.NET** objects such as **Data Reader, Data Adapter and Data Set** to fetch and handle user data.
* Developed application using **ASP.NET MVC 4** to enable the full control over the rendered HTML and JQuery for client-side scripting.
* Designed and developed Electronic Data Interchange Services.
* Global **EDI** application was set up to interchange EDI transactions worldwide (Japan, Europe and America ports).
* **Data Grids, Data Views, and Datasets** were used to display Reports which were generated using stored procedures.
* Used **TFS and GIT** for source code maintenance.
* Developed application using **.Net, C#, Win Services, Console applications,** WCF Service, **LINQ, ASP.Net MVC,** Entity Framework, Batch jobs, Win Forms, SQL Server,
* Tracked progress through version one and communicated via Rational and TFS.
* Implemented **CRUD** functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in MVC.
* Worked on Remediation of few web service calls of LSAS to use RESTful Web Service as an enhancement instead of using old **SQL stored procedures**.
* Involved in creating drill down, drill through and linked reports using SSRS (SQL Server Reporting Services). Development of web forms using C#.
* Worked on **POC** for Offline Compatibility using Smart Sync.
* Developed the independent **WCF** (Windows Communication Foundation) services and defined Service Contracts for specific functionality in project search module in C# as well.
* Used stored procedures, **SQL queries Views** for retrieving the user details and events information from SQL Database.
* Generated Crystal Reports for Job Allocation Purpose.
* Used **SSIS and SSRS** for reporting, data integration and data transfers
* Acted as a Scrum Master Following Scrum Methodology for 6 months

**Environment:** Visual Studio 2005, ASP.NET, .NET Framework 3.0, WCF, ADO.NET, SQL Server2005, CSS, JavaScript, XML, AJAX,IIS 6.0.

**Client: HSBC, India June 2010 – Dec 2011**

**Role: Jr.Net Developer**

**Responsibilities:**

* Understanding and reviewing the existing applications and involved with the Business team and implemented the tasks as per the Priority of Business Requirement.
* Worked in a desktop based development team across global regions with Waterfall methodology.
* Designed and implemented a Multi-Tier Application including the Presentation, Business and Data Access Layer.
* Developed front-end screens using ASP.Net Web forms, **AJAX**, **JQuery** and **JavaScript**. Involved in application design based on **MVC** Design Pattern and **OOPS** concept.
* Developed Web Services that is used to download Client data from the Advisory firms on daily basis
* Developed services using **XML** and **XPath.**
* Used Cascading Style Sheet (**CSS**) in web pages to separate presentation from structure to be able to define text alignment, size, borders, and many other typographic characteristics.
* **Client Side** Validations of web pages i.e. user input validations are done using **JavaScript** in separate files and validation controls were incorporated for Server Side Validation
* Involved in designing and developing the **GUI** for the user interface using **ASP.NET** Validation controls.
* Generated reports by querying the database using **ADO.NET**.
* Used window services for developing and designing Schedule jobs that run every day using **C#**.
* Created Stored Procedures that encapsulated business rules and data validation.
* Created **SQL** queries, Views and implemented **ADO.NET** to update, insert, select and delete data from database.
* Responsible for testing the functionality of the web pages by creating Unit test cases.
* Used **ADO.NET** code to retrieve data from the database and to store back the data to database.
* Data Access Layer for the Application is implemented using **ADO.NET** for data input, query, retrieve and management of data. **SQL** Server is utilized as the data repository.
* Developed reusable and optimized **.NET** components using **C#.**
* Written some client side script using **JavaScript.**
* Involved in Studying of existing database design and implementing required enhancements.
* Implemented **AJAX** in many web pages.
* Used **LINQ** to **SQL** writing data access classes, Stored Procedures, triggers, views to capture and modify data.
* **SSIS** packages were developed to load the initial client provided data into database.
* Created **WCF** service to allow clients to communicate using **WCF** services.
* Designed **HTML** & **CSS** Email Templates to campaign about open requirements.
* Involved in Unit & Integration testing of the application.

**Environment:** ASP.NET, C#, XML, SOAP, Java Script, DHTML, Crystal Reports, and MS SQL Server, IIS, ADO.NET, HTML, CSS, VSS, AJAX, , jQuery, Web Services